MONTANA
STATE
LIBRARY

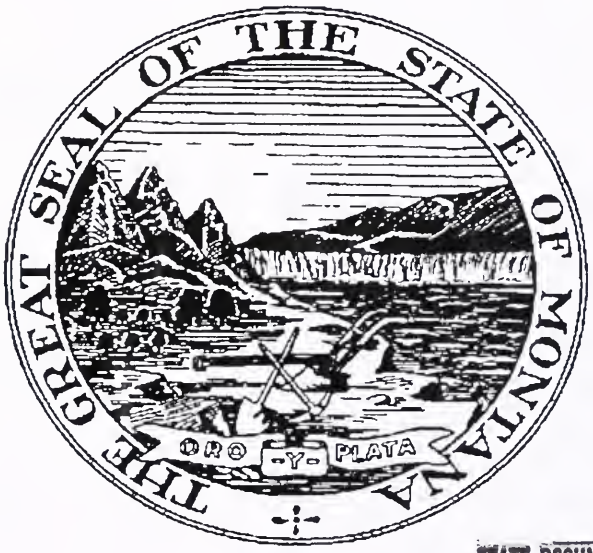
This "cover" page added by the Internet Archive for formatting purposes

S
631.81
A7MCFF
2005

2005

Montana Commercial

Feed / Fertilizer Report



STATE DOCUMENTS COLLECTION
AUG 21 200
MONTANA STATE LIBRARY
1515 E. 6th Ave.
HELENA, MONTANA

Nancy K. Peterson, Director
Greg Ames, Administrator

Volume 52, 2005

Montana State Library
3 0864 1003 7485 2

License & Registration Totals

Feed Program

	Issued as of:				
	7/02	8/03	7/04	8/05	7/06
Feed Licenses	625	621	629	651	641
Companies w/ Registrations	135	149	145	162	174
Pet Food Registrations	2989	3512	3382	4076	4119

Fertilizer Program

	Issued as of:				
	7/02	7/03	8/04	8/05	7/06
Fertilizer Licenses	230	232	249	237	246
Fertilizer Registrations -					
Companies	147	182	190	212	218
Specialty Products	1123	1155	1417	1380	1512
Commercial Fertilizers	357	359	357	360	403
Soil Amendments	173	157	202	249	270

Feed Sample and Analyte History

Year	Samples Taken	Out of Tolerance	% Out of Tolerance
1984	266	64	24.1
1985	406	106	26.1
1986	290	50	17.2
1987	265	60	22.6
1988	280	57	20.4
1989	293	50	17.1
1990	310	54	17.4
1991	241	43	17.8
1992	335	76	22.7
1993	272	71	26.1
1994	312	89	28.5
1995	237	38	16.0
1996	235	77	32.8
1997	264	99	37.5
1998	296	125	42.2
1999	286	88	30.8
2000	266	71	26.7
2001	289	90	31.1
2002	258	87	33.7
2003	257	38	14.8
2004	267	37	13.9
FY 2005*	301	67	22.3
FY 2006	319	58	18.2

* 22 additional samples analyzed for animal tissue only

FY 2006 Feed Analyte Breakdown

Nutrient	Number of Analyses	Out of Tolerance	% Out of Tolerance
Protein	276	18	6.5
NPN	18	0	0
Fiber	9	0	0
Fat	31	0	0
Moisture	44	0	0
Calcium	220	9	4.1
Phosphorus	220	3	1.4
Salt	115	20	17.4
Vitamin A	141	6	4.3
Magnesium	38	4	10.5
Potassium	69	4	5.8
Zinc	30	0	0
Iron	6	0	0
Selenium	80	1	1.3
Copper	79	0	0
Manganese	10	0	0
Sodium	11	0	0
Lysine	36	0	0
Methionine	23	0	0
Amprolium	4	0	0
Chlortetracycline	14	0	0
Lasalocid	16	0	0
Oxtetracycline	4	0	0
Monensin	15	0	0
Sulfamethazine	3	0	0
Total	1512	65	4.3

MONTANA COMMERCIAL FEED REPORTED
2005

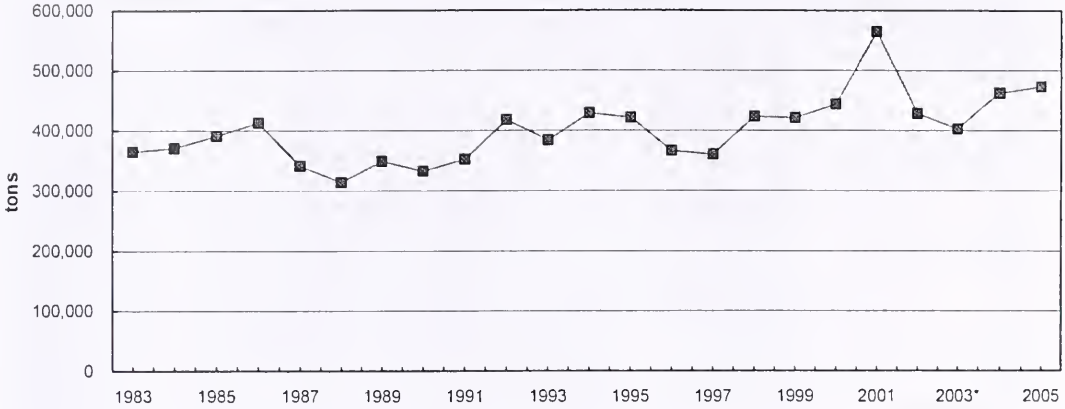
Formula Feeds		Tons
Broiler Feeds	Complete	582
	Supplement	40
Turkey Feeds	Complete	158
	Supplement	23
Starter / Grower	Complete	749
	Supplement	1,319
Layer / Breeder	Complete	2,905
	Supplement	619
Beef Feeds	Complete	109,040
	Supplement	63,588
Dairy Feeds	Complete	8,078
	Supplement	11,121
Swine Feeds	Complete	4,259
	Supplement	2,818
Sheep Feeds	Complete	3,123
	Supplement	1,785
Horse Feeds	Complete	16,370
	Supplement	1,433
Mineral Feeds		9,313
Rabbit Feeds		756
Mineralized Salt		2,614
Miscellaneous		7,379
Formula Feeds Total		**248,072**

Feed Ingredients	Tons
Alfalfa Products	7,369
Animal Products	
Barley Products	7,833
Beet Products	42,325
Brewer Products	960
Canola Products	92
Cottonseed Products	80
Drug Products	319
Fats & Oils	684
Linseed Products	215
Maize Products	23,323
Marine Products	136
Meat Products	275
Milk Products	164
Mineral Products	27,247
Molasses	11,678
Oat Products	250
Probiotic/Yeast	92
Safflower Products	805
Soybean Products	25,754
Sunflower Products	5,635
Urea	35
Vitamin Products	325
Wheat Products	58,901
Misc. Ingredients	10,428
Feed Ingredients Total	**224,925**

Total Commercial Feed: 472,997 tons

FDTNBK2005

Feed Tonnage History



Year	Tonnage
1983	365,620
1984	371,317
1985	391,558
1986	413,452
1987	341,579
1988	314,336
1989	349,280
1990	332,997
1991	352,762
1992	418,090
1993	384,607
1994	429,600
1995	421,846
1996	366,756
1997	360,971
1998	423,573
1999	421,607
2000	444,344
2001	565,070
2002	428,639
2003*	402,973
2004	462,953
2005	472,997

* adjusted after the 2003 report was published and receiving delinquent tonnage reports

Fertilizer Sample and Analyte History

Year	Number of Samples Taken	Number of Samples Deficient	Percent Samples Deficient
1990	154	31	20.1
1991	142	18	12.7
1992	107	21	19.6
1993	89	18	20.2
1994	172	21	12.2
1995	216	31	14.4
1996	208	23	11.1
1997	124	18	14.5
1998	172	27	15.7
1999	215	31	14.4
2000	215	37	17.2
2001	222	26	11.7
2002	220	26	11.8
2003	218	27	12.4
2004	214	24	11.2
FY2005	221	24	10.9
FY2006	205	21	10.2

FY 2006 Fertilizer Analyte Breakdown

Nutrient	Number Analyzed	Number Deficient	Percent Deficient
Nitrogen	175	5	2.9
Phosphate	123	11	8.9
Potash	84	4	4.8
Calcium	1	0	0
Sulfur	37	1	2.7
Copper	8	0	0
Iron	12	0	0
Manganese	11	0	0
Zinc	11	0	0
Arsenic*	30	0	0
Cadmium*	30	0	0
Lead*	30	0	0
Total	552	21	3.8

* Trace metals tested for maxumum level allowed

MONTANA DEPARTMENT OF AGRICULTURE
FERTILIZER SOLD IN MONTANA
Reported by Montana Agricultural Statistic Districts

JANUARY - JUNE 2005

FERTILIZER	NORTH WEST	SOUTH WEST	NORTH CENTRAL	CENTRAL	SOUTH CENTRAL	NORTH EAST	SOUTH EAST	TOTAL
Anhydrous Ammonia	0	0	4273	575	0	6074	394	11,316
Ammonium Nitrate	854	10580	3244	2361	7146	0	302	24,487
Ammonium Sulfate	1263	2288	4260	2972	1981	3647	186	16,597
Urea	2162	3303	50246	19158	27853	43352	3891	149,965
Ammonium Thiosulfate	0	44	176	126	102	0	0	448
Nitrogen Sols. 32%	70	572	835	567	907	0	0	2,951
Nitrogen Sols. 28%	22	471	3687	95	0	1197	0	5,472
Phosphorus Material	0	0	0	25	0	2905	0	2,930
Potash Material	1583	2161	8547	2533	2899	1989	786	20,498
Sulfur	41	61	39	539	347	5	2	1,034
DAP	665	1065	1819	536	509	5293	973	10,860
MAP	1167	5130	24568	8374	6897	28459	3058	77,653
APS 16-20-0	838	4859	3667	1360	1118	639	329	12,810
10-34-0	0	194	1358	83	99	191	7	1,932
OTHER BLENDS	5	0	134	29	0	50	0	218
MICRONUTRIENTS	23	50	434	7	101	42	26	683
GYPSUM/LIME	363	0	2	0	2	6	13	386
COMPOST	3175	0	0	0	0	0	8	3,183
TOTALS	12,231	30,778	107,289	39,340	49,961	93,849	9,975	343,423

JULY - DECEMBER 2005

FERTILIZER	NORTH WEST	SOUTH WEST	NORTH CENTRAL	CENTRAL	SOUTH CENTRAL	NORTH EAST	SOUTH EAST	TOTAL
Anhydrous Ammonia	0	0	3424	1139	0	2886	309	7,758
Ammonium Nitrate	87	886	87	468	1047	0	98	2,673
Ammonium Sulfate	250	1004	1840	1286	887	593	97	5,957
Urea	280	1689	27407	7269	9318	14784	1318	62,065
Ammonium Thiosulfate	0	50	420	105	23	305	0	903
Nitrogen Sols. 32%	33	227	574	440	876	0	0	2,150
Nitrogen Sols. 28%	44	28	1209	44	242	183	2	1,752
Phosphorus Material	0	0	0	0	0	0	0	0
Potash Material	357	315	3327	1553	1303	848	255	7,958
Sulfur	24	35	569	273	240	9	3	1,153
DAP	132	382	1398	347	155	832	870	4,116
MAP	476	874	23957	10065	6373	3827	1445	47,017
APS 16-20-0	56	837	1656	786	563	39	211	4,148
10-34-0	0	44	1495	198	95	0	0	1,832
OTHER BLENDS	39	7	50	44	1	4	0	145
MICRONUTRIENTS	12	17	528	10	81	8	6	662
GYPSUM/LIME	88	0	970	0	0	4	5	1,067
COMPOST	11626	0	0	0	0	0	4	11,630
TOTALS	13,504	6,395	68,911	24,027	21,204	24,322	4,623	162,986

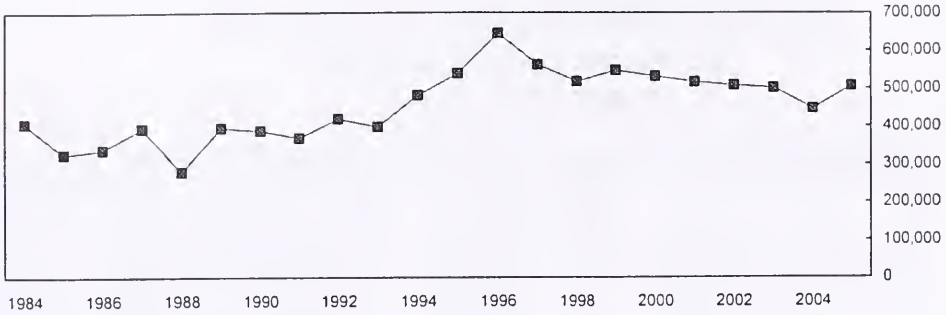
MONTANA DEPARTMENT OF AGRICULTURE
FERTILIZER SOLD IN MONTANA
FOR THE YEAR 2005

FERTILIZER	JAN.-JUN. 2005	JULY-DEC. 2005	YEARLY TOTALS
Anhydrous Ammonia	11,316	7,758	19,074
Ammonium Nitrate	24,487	2,673	27,160
Ammonium Sulfate	16,597	5,957	22,554
Urea	149,965	62,065	212,030
Ammonium Thiosulfate	448	903	1,351
Nitrogen Sols. 32%	2,951	2,150	5,101
Nitrogen Sols. 28%	5,472	1,752	7,224
Phosphorus Material	2,930	0	2,930
Potash Material	20,498	7,958	28,456
Sulfur	1,034	1,153	2,187
DAP	10,860	4,116	14,976
MAP	77,653	47,017	124,670
APS 16-20-0	12,810	4,148	16,958
10-34-0	1,932	1,832	3,764
OTHER BLENDS	218	145	363
MICRONUTRIENTS	683	662	1,345
GYPSUM/LIME	386	1,067	1,453
COMPOST	3,183	11,630	14,813
TOTALS	343,423	162,986	506,409

FRTNPK05

TOTAL NITROGEN	105,387	45,147	150,534
TOTAL P205	50,007	27,838	77,845
TOTAL K2O	12,299	4,775	17,074

Fertilizer Tonnage History



Year	Tonnage
1984	406,567
1985	325,887
1986	337,626
1987	393,505
1988	279,616
1989	395,033
1990	387,583
1991	368,868
1992	418,982
1993	397,957
1994	481,300
1995	538,356
1996	645,344
1997	562,292
1998	517,388
1999	546,943
2000	531,414
2001	516,873
2002	508,028
2003	500,941
2004	446,368
2005	506,409

FRTHTON 2005

IMPORTANT NOTICE

Would you like to be on the mailing list to receive an annual copy of the Montana Commercial Feed/Fertilizer Report?

If so, please use this page, complete the information requested and return by mail or fax.

MONTANA DEPARTMENT OF AGRICULTURE
Agricultural Sciences Division
PO Box 200201
Helena MT 59620-0201
Phone: (406) 444-3730 Fax: (406) 444-7336

ANNUAL MONTANA COMMERCIAL FEED/FERTILIZER REPORT

Yes, I would like to be on your annual Montana Commercial Feed/Fertilizer Report mailing list. I would like _____ copy(ies). Please mail to:

Attention:_____

Business Name:_____

Mailing Address:_____

_____

City/State/Zip:_____